

US EPA ARCHIVE DOCUMENT

PG8. Results for All Protection Groups - Land Application Units in mg/kg

Land Application Units - 2000m		Protection Group 1			Protection Group 2			Protection Group 3			Protection Group 4		
		10-6	99% Pop	95% Prob	10-6	99% Pop	90% Prob	10-5	99% Pop	90% Prob	10-5	95% Pop	90% Prob
Chemical Name	CASRN	HH (0.1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (1)	Lowest	HH (1)	Eco (10)	Lowest
Acrylonitrile	107-13-1	0.004	note 1	0.004	0.008	note 1	0.008	0.2	note 1	0.2	0.7	note 1	0.7
Benzene	71-43-2	20	50	20	40	800	40	600	800	600	1000	1000	1000
Pentachlorophenol	87-86-5	0.07	2	0.07	0.2	5	0.2	5	5	5	9	300	9
Mercury	7439-97-6	10	0.7	0.7	10	4	4	10	4	4	10	10	10
Lead	7439-92-1	note 2	note 4	note 4	note 2	0.6	0.6	note 2	0.6	0.6	note 2	30	30

- note 1: Ecological impacts were not evaluated due to the lack of chronic ecological toxicity values.
- note 2: Human impacts were not evaluated due to the lack of human health toxicity values.
- note 3: The values in the highlighted cells are the same as the highest waste concentration evaluated.
- note 4: The lowest concentration run does not meet the protection criteria for this scenario.
- NA: Not Applicable